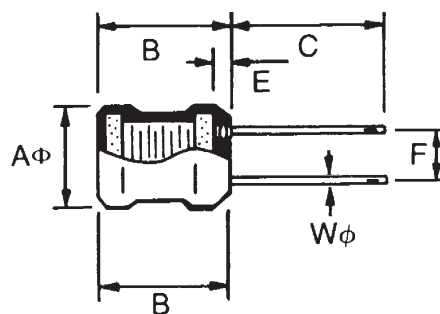


Physical Dimensions (mm)

Part Number	A max	B max	C min	E max	F ±0.5	W
IRB0406	5	7	20	2	2.1	0.50
IRB0507	6	8	5.5	2	2.5	0.60
IRB0608	7	9	4	2	3.5	0.60
IRB0910	9.5	11	4	3	5	0.60



SPECIFICATIONS

Code	L (H)	IRB0406 (Test Freq 1KHz)					IRB0507					IRB0608					IRB0910				
		Tol Code	SRF (MHz)	Rdc Max (Ω)	Idc (mA)		Tol Code	Test Freq (MHz)	SRF (MHz)	Rdc Max (Ω)	Idc (mA)	Tol Code	Test Freq (MHz)	SRF (MHz)	Rdc Max (W)	Idc (mA)	Tol Code	Test Freq (MHz)	SRF (MHz)	Rdc Max (W)	Idc (A)
R22	0.22	M	110.00	0.18	700																
R27	0.27	M	110.00	0.18	700																
R33	0.33	M	110.00	0.18	700																
R39	0.39	M	110.00	0.18	700																
R47	0.47	M	110.00	0.18	700																
R56	0.56	M	110.00	0.18	700																
R68	0.68	M	110.00	0.18	700																
R82	0.82	M	110.00	0.18	700																
1R0	1.0	M	105.00	0.19	600																
1R2	1.2	M	90.00	0.20	570																
1R5	1.5	M	75.00	0.22	540																
1R8	1.8	M	65.00	0.23	510																
2R2	2.2	M	55.00	0.25	480																
2R7	2.7	M	50.00	0.31	460																
3R3	3.3	M	45.00	0.34	430																
3R9	3.9	M	40.00	0.38	410																
4R7	4.7	M	35.00	0.41	400																
5R6	5.6	M	30.00	0.48	380																
6R8	6.8	M	28.00	0.52	360																
8R2	8.2	M	26.00	0.60	340																
100	10	K	22.00	0.37	330	J, K	2.52	20.00	0.09	1100	J, K	2.52	17.00	0.13	780	J, K	2.52	16.00	0.07	4.0	
120	12	K	19.00	0.45	320	J, K	2.52	18.00	0.10	1000	J, K	2.52	15.00	0.15	730	J, K	2.52	12.00	0.07	4.0	
150	15	K	18.00	0.46	310	J, K	2.52	16.00	0.12	800	J, K	2.52	13.00	0.17	650	J, K	2.52	7.00	0.07	3.0	
180	18	K	17.00	0.51	300	J, K	2.52	14.00	0.13	700	J, K	2.52	11.00	0.19	610	J, K	2.52	7.00	0.08	3.0	
220	22	K	16.00	0.55	280	J, K	2.52	12.00	0.14	700	J, K	2.52	9.90	0.20	540	J, K	2.52	6.50	0.08	2.5	
270	27	K	15.00	0.61	270	J, K	2.52	10.00	0.16	650	J, K	2.52	9.00	0.22	480	J, K	2.52	6.00	0.10	2.5	
330	33	K	14.00	0.69	260	J, K	2.52	9.60	0.18	600	J, K	2.52	8.20	0.24	440	J, K	2.52	5.10	0.12	2.0	
390	39	K	12.00	0.76	250	J, K	2.52	7.50	0.28	500	J, K	2.52	7.80	0.28	410	J, K	2.52	4.80	0.25	1.8	
470	47	K	11.00	0.86	240	J, K	2.52	6.70	0.30	450	J, K	2.52	7.20	0.44	375	J, K	2.52	4.20	0.25	1.8	
560	56	K	10.00	0.97	230	J, K	2.52	6.40	0.34	430	J, K	2.52	6.90	0.56	340	J, K	2.52	3.90	0.30	1.6	
680	68	K	9.00	1.07	220	J, K	2.52	5.40	0.40	400	J, K	2.52	6.30	0.60	320	J, K	2.52	3.30	0.30	1.6	
820	82	K	8.00	1.30	210	J, K	2.52	5.20	0.46	380	J, K	2.52	5.80	0.66	285	J, K	2.52	3.00	0.35	1.4	
101	100	K	7.50	1.45	200	J, K	0.796	4.00	0.80	350	J, K	0.796	4.40	0.82	260	J, K	0.796	2.60	0.50	1.2	
121	120	K	6.50	1.65	190	J, K	0.796	3.90	0.90	330	J, K	0.796	4.00	1.08	240	J, K	0.796	2.40	0.60	1.2	
151	150	K	6.20	1.85	180	J, K	0.796	3.20	1.00	310	J, K	0.796	3.60	1.26	215	J, K	0.796	2.00	0.70	1.0	
181	180	K	6.00	2.00	170	J, K	0.796	3.10	1.16	300	J, K	0.796	3.20	1.40	195	J, K	0.796	1.80	0.75	1.0	
221	220	K	5.50	2.40	160	J, K	0.796	2.80	1.34	280	J, K	0.796	3.10	1.62	180	J, K	0.796	1.70	0.85	0.8	
271	270	K	5.00	3.00	150	J, K	0.796	2.60	1.57	260	J, K	0.796	2.50	2.16	160	J, K	0.796	1.50	1.00	0.8	
331	330	K	4.60	3.30	140	J, K	0.796	2.30	1.76	230	J, K	0.796	2.30	2.44	145	J, K	0.796	1.20	2.00	0.6	
391	390	K	4.30	4.10	130	J, K	0.796	1.90	2.72	210	J, K	0.796	2.10	2.80	135	J, K	0.796	1.20	2.20	0.6	
471	470	K	4.00	4.50	120	J, K	0.796	1.70	3.00	180	J, K	0.796	2.00	3.00	125	J, K	0.796	1.10	2.50	0.60	
561	560	K	3.60	5.40	110	J, K	0.796	1.60	3.40	170	J, K	0.796	1.80	3.40	115	J, K	0.796	0.90	2.80	0.56	
681	680	K	3.00	7.50	100	J, K	0.796	1.50	3.80	160	J, K	0.796	1.60	6.00	105	J, K	0.796	0.90	3.00	0.45	
821	820	K	2.50	8.20	90	J, K	0.796	1.40	4.20	140	J, K	0.796	1.50	6.80	95	J, K	0.796	0.80	3.40	0.45	
102	1000	K	2.00	10.00	70	J, K	0.252	1.20	7.00	130	J, K	0.252	1.40	10.20	85	J, K	0.252	0.70	4.60	0.40	
122	1200	K	1.50	23.00	50	J, K	0.252	1.10	8.00	110	J, K	0.252	1.30	12.60	75	J, K	0.252	0.70	5.20	0.35	
152	1500	K	1.00	26.00	50	J, K	0.252	1.00	9.20	100	J, K	0.252	1.20	14.80	69	J, K	0.252	0.50	6.00	0.30	
182	1800	K	0.95	30.00	50	J, K	0.252	0.90	12.40	90	J, K	0.252	1.10	16.00	60	J, K	0.252	0.50	6.80	0.25	
222	2200	K	0.90	34.00	50	J, K	0.252	0.80	12.00	80	J, K	0.252	0.90	18.00	58	J, K	0.252	0.40	7.80	0.25	
272	2700	K	0.85	40.00	50																
332	3300	K	0.80	44.00	50																
392	3900	K	0.75	59.00	50																
472	4700	K	0.70	65.00	50																
562	5600	K	0.65	72.00	15																
682	6800	K	0.60	80.00	15																
822	8200	K	0.55	90.00	15																
103	10000	M	0.50	104.00	15																
223	22000	M	0.25	150.00	15																
263	26000	M	0.25	180.00	15																
303	30000	M	0.25	260.00	15																

Tolerances: J = ±5%, K = ±10%, M = ±20%

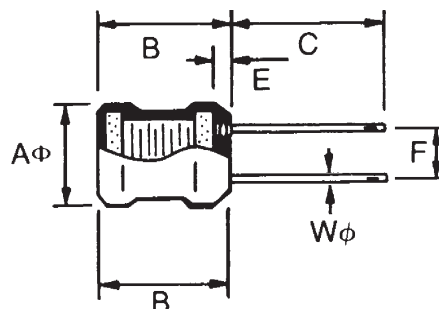
FEATURES

- Low to medium current applications
- Up to 0910 sizes can be taped

HOW TO MAKE A PART NUMBER

IR B 0910 - 470 K R

Series _____
 Protective Coating _____
 B - Shrink tube
 Size _____
 Inductance Code _____
 Tolerance _____
 J = $\pm 5\%$
 K = $\pm 10\%$
 M = $\pm 20\%$
 Packaging _____
 R - Tape & Reel
 A - Tape & Ammo
 Omit for Bulk



Physical Dimensions (mm)

Part Number	A max	B max	C min	E max	F ± 1	W
IRB1012	10	12	7	2	7.5	0.80
IRB1212	12	12	7	2	7.5	0.80
IRB1415	14	15	7	2	10	0.80
IRB1727	17	27	7	2	7.5	0.80

Code	L (H)	IRB1012				IRB1212				IRB1415				IRB1727			
		Tol Code	Test Freq (MHz)	Rdc Max (Ω)	Idc (A)	Tol Code	Test Freq (MHz)	Rdc Max (Ω)	Idc (A)	Tol Code	Test Freq (KHz)	Rdc Max (Ω)	Idc (A)	Tol Code	Test Freq (KHz)	Rdc Max (Ω)	Idc (A)
4R7	4.7	J	7.96	0.050	4.7												
150	15	J, K	0.001	0.050	3.0												
200	20	J, K	0.001	0.042	2.5												
600	60					K	.001	0.08	3								
800	80					K	.001	0.18	2								
101	100	J, K	0.001	0.180	1.2					K	1	0.1	3.0				
151	150	J, K	0.001	0.270	1.0	K	.001	0.20	1.5								
161	160					K	.001	0.20									
271	270					K	.001	0.30									
301	300									K	1	0.35	1.5				
371	370									K	1	0.35	1.2				
451	450									K	1	0.35	1.0				
501	500													K	1	0.22	1.5
551	550									K	1	0.35	1.0	K	1	0.30	1.5
561	560									K	1	0.49	1.0				
801	800									K	1	0.5	0.7				
202	2000	J, K	0.001	4.400	0.3												
302	3000									K	1	2.65	0.3				
402	4000									K	1	2.65	0.25				
153	15000	K	0.001	14.300													

Tolerances: J = $\pm 5\%$, K = $\pm 10\%$, M = $\pm 20\%$